LXM62DD15DXXXXX

Industrial automation components

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Manufacturer	Schneider Electric
Catalog number	lxm62dd15dxxxxx
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Double-axis servo drive
Continuous Output Current per Axis	5 A
Peak Current per Axis	15 A
DC Bus Voltage Range	250 to 700 Vdc
Dimensions	270 x 44.5 x 310 mm
Weight	3 kg
Motor Compatibility	SH3 and MH3 servo motors
Communication Interface	SERCOS III

Description

The Schneider Electric LXM62DD15Dxxxxx is a double-axis servo drive from the Lexium 62 series, designed for precise motion control in industrial automation applications. This model delivers a continuous output current of 5 A per axis at 4 kHz, with a peak current of 15 A per axis at 4 kHz, ensuring robust performance for demanding tasks. It operates within a DC bus voltage range of 250 to 700 Vdc, accommodating various industrial power configurations. The drive features a compact design with dimensions of 270 x 44.5 x 310 mm and a weight of 3 kg, facilitating easy integration into control cabinets. Equipped with an internal fan for ventilation, it maintains optimal operating temperatures during continuous use. The LXM62DD15Dxxxxx is compatible with Schneider Electric's SH3 and MH3 servo motors, offering flexibility in motor selection to meet specific application requirements. Its SERCOS III communication interface ensures high-speed data exchange, enhancing system responsiveness. The drive also includes safety features such as Safe Torque Off (STO), providing protection against unintended motor startup. This servo drive is ideal for applications

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requiring precise and reliable motion control, such as robotics, packaging, and material handling systems.

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